

Serial Number:  
Applicants: Bayya et al

Patent Application  
Navy Case Number: 84,936

#### Abstract of the Disclosure

This invention pertains to a BGG glass material with excellent optical and mechanical properties and to a method for its preparation characterized by the use of a halogen component.

The BGG glass material is essentially devoid of water, has excellent optical transmission in the

5 visible and mid-infrared wavelength range, and can be easily molded in small and large sizes and complex shapes at a low cost.